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GENERAL NOTES

1. THIS DRAWING WAS DEVELOPED AND CONVERTED TO AUTOCAD FORMAT FROM REFERENCE 1 AND INCORPORATES PERTINENT MODIFICATIONS FROM REFERENCES 2 THRU 19, UNDOCUMENTED CHANGES NOTED DURING 12/12/2005 SHIPCHECK AND CHANGES ACCOMPLISHED DURING 2006 DRYDOCKING.

BOOKLET INDEX

SHEET NO	TITLE
1	BOOKLET INDEX, GENL NOTES, REVISION BLOCK, REFS
2	GENERAL INFORMATION & DATA
3	COMPARTMENT DIRECTORY
4	OUTBOARD PROFILE
5	INBOARD PROFILE
6	PILOTHOUSE TOP, BRIDGE DECK
7	UPPER DECK, FORECASTLE DECK
8	MAIN DECK
9	LOWER DECK
10	FLAT LEVELS, HOLD PLAN
11	DOCKING PLAN GENL NOTES, L/M, OFFSET TABLES, CRITICAL DIMS, PROP TIP CLEARANCE TABLE
12	DOCKING PLAN OFFSET TABLES, LIST OF DRAIN PLUGS, TABLE OF DISPLACEMENT
13	DOCKING PLAN LIST OF OPENINGS IN SHELL BELOW DWL, BEARING ON BLOCKS TABLE
14	DOCKING PLAN VIEW, DOCKING PLUG DETAIL, BEVELED BLOCK DETAILS
15	DOCKING PLAN OUTBOARD PROFILE, TYPICAL SECTIONS

REVISIONS

REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD
A	4 6	27-C 44-D	1	REVISED VIEW TO INCORPORATE MODS ACCOMPLISHED IN ACCORDANCE WITH NOAA SPECIFICATION EA133M-08-CN-0044, ITEMS 301 & 302.	04/08	RWF
B	4 6  4 7  7	31-C 44-D  27-C 56-B  56-B	1   2   3	RELOCATED VSAT RADAR LOCATION, INCLUDED NEW RADAR FOUNDATION.   INCORPORATED NEW FLEET 77 FOUNDATION IN OLD VSAT RADAR LOCATION.   RELOCATED REEL TO MAKE ROOM FOR NEW VSAT RADAR FOUNDATION.	07/10	NAG
C	SHT 1,2, 3,4,6,7, 8,9&10	ALL	1	DWG REVISED TO SHOW NEW SHIPS CONFIGURATION AND CORRECTED TO SUIT AS-BUILT CONDITIONS.	05/12	NSL
D	SHT 13 SHT 14	100-B 108-C	1	ADDED DYNAMIC DRAFT BUBBLE GAGE THRU HULL PENETRATION	02/14	
E	SHT 2 SHT 2 SHT 3 SHT 4 SHT 5 SHT 10 SHT 11 SHT 12 SHT 13 SHT 14 SHT 15  SHT 14 SHT 15 SHT 14	13-C 11-C ALL 28-B 37-B ALL 82-B 92-C 99-C 108-C 116-B  108-C 116-B 106-A	1 2 3 4  5 6  7 8	UPDATED TANK CAPACITIES. ADDED CONTROLLER TO LIST. UPDATED COMPARTMENT DIRECTORY. UPDATED INBD, OUTBD PROFILES, FLAT AND HOLD PLAN VIEWS.  UPDATED DOCKING PLAN GENERAL NOTES. UPDATED DRAIN PLUG LIST, SHELL OPENINGS LIST, DOCKING PLAN & ELEVATION VIEWS.  ADJUSTED KEEL BLOCKS FOR DOCKING PLAN. ADDED GONDOLA LAYOUT VIEW.	09/16	

(REVISIONS CONTINUED ON SHEET 3)

REFERENCES

NO	TITLE	DRAWING NO
1	BOOKLET OF GENERAL PLANS (OBSOLETE)	TJ-085-6634626
2	GENERAL ARR HOLD PLAN, FLATS AND LOWER DECK	TJ-085-6634610
3	TANK CAPACITY AND DEADWEIGHT SCALE PLAN	TJ-085-6980295
4	TANK CAPACITY AND DEADWEIGHT SCALE PLAN	TJ-085-6634644
5	GENERAL ARR: BRIDGE DECK AND PILOT HOUSE	TJ-085-6634631
6	GENERAL ARR: MAIN DECK, FCSLE DECK AND UPPER DECK	TJ-085-6634611
7	INBOARD PROFILE	TJ-085-6634609
8	OUTBOARD PROFILE, TOP AND END VIEWS	TJ-085-6634608
9	SAFETY PLAN	TJ-085-6634614
10	AFT MAIN AND 01 DECK MODS, NEW LADDER INSTALLATION	TJ-131-001
11	AFT MAIN AND 01 DECK MODS, GENERAL ARR	TJ-152-001
12	AFT MN & 01 DK MODS, 01 DK EXT STR & GRTG REPL	TJ-152-002
13	STEERING GEAR ROOM SCUTTLE ARRANGEMENTS	TJ-167-003
14	MAIN MAST ARRANGEMENT AND DETAILS	TJ-171-002
15	ANTENNA ARRANGEMENT	TJ-171-003
16	GENERIC WINCH STRL MODS AND DETAILS	TJ-180-001
17	MVP FOUNDATION INSTALLATION FOUNDATION DETAILS	TJ-180-002
18	POTABLE WATER TANKS, PORT AND STARBOARD SIDE	TJ-533-002
19	AFT MN & 01 DK MODS, NEW TRANSOM MOORING CHOCK INSTL	TJ-582-002
20	DOCKING PLAN	TJ-801-6634613
21	UNDERHULL SENSOR LOCATIONS	TJ-461-001

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
OFFICE OF NOAA CORPS OPERATIONS

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CONTRACT NO.  
AB133M-05-CQ-1044  
TAR NO.  
AAA-005  
DSGN  
M. CAMPBELL  
DWN  
M. CAMPBELL  
CHK  
V. PARKER  
CHK  
J. CARLSON

NOAA  
THOMAS JEFFERSON

BOOKLET  
OF  
GENERAL PLANS

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: NONE		CAD FILENAME TJ-085-002	SHT 1 OF 15

15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 SH REV STATUS OF SHEETS

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GENERAL INFORMATION

LENGTH BETWEEN PERPENDICULARS	190'-0"
LENGTH OVERALL	208'-2 1/4"
BREADTH MOLDED	45'-0"
DEPTH MAIN DECK AT SIDE	22'-9"
DRAFT, DESIGN	14'-0"
DRAFT, FULL LOAD	14'-0"
SUSTAINED SEA SPEED	12 KNOTS
ABS EQUIPMENT NUMERAL	U-14

HEIGHTS ABOVE BASELINE

TOP OF JACKSTAFF	65'-3"
TOP OF MAIN MAST	88'-0"
TOP OF ENSIGN STAFF	43'-11 5/8"
FWD ANCHOR LIGHT	65'-3"
AFT ANCHOR LIGHT	43'-11 5/8"
FWD MASTHEAD LIGHT	62'-9"
AFT MASTHEAD LIGHT	88'-0"
FWD TOWING LIGHT (UPPER)	56'-1"
FWD TOWING LIGHT (LOWER)	49'-5"
AFT TOWING LIGHT	42'-11 5/8"
SIDE LIGHTS P/S	48'-11 1/4"
TASK LIGHTS (UPPER) P/S	87'-3"
TASK LIGHTS (MIDDLE) P/S	75'-3"
TASK LIGHTS (LOWER) P/S	63'-3"
NAVY STERN LIGHT	39'-8 1/8"
STERN LIGHT	36'-4 5/8"
SEARCHLIGHTS 11'-0" P/S TOP OF PILOT HOUSE	59'-3 5/8"

REPLENISHMENT STATIONS

FUEL OIL	MAIN DECK FR 69 P/S
FRESH WATER	MAIN DECK FR 89 S
FRESH WATER	FCSLE DECK FR 17 P
FRESH WATER	FCSLE DECK FR 61 CL

ACCOMMODATIONS

PERSONNEL	BERTH	WARDROBE	CHEST/DESK
MASTER/CO	1	1	1 CHEST/1 DESK
CHIEF ENGINEER	1	1	1 CHEST/1 DESK
SINGLE S/R	6	6	6 CHEST/3 DESK
CREW/TECHNICIAN S/R	30	30	30 CHEST
MEDICAL	2	2	1 DESK

SMALL BOATS

QTY	NAME	PERSONNEL	
		EACH	TOTAL
5	LIFERAFT, INFLATABLE	20	100
1	LIFERAFT, INFLATABLE	25	25
2	HYDROGRAPHIC SURVEY LAUNCH	-	-
1	RESCUE (RIGID INFLATABLE BOAT)	-	-
1	MISSION (RIGID INFLATABLE BOAT)	-	-

WEIGHT DISPLACEMENT

DISPLACEMENT	WEIGHT
DEADWEIGHT	838.14 LONG TONS
FULL LOAD	2,009.81 LONG TONS
LIGHT SHIP	1,171.67 LONG TONS

STEERING GEAR

ENGINE MONITOR, DUAL ELECTRO-HYDRAULIC POWERED

DECK MACHINERY

QTY	NAME	CAPACITY
1	RESCUE BOAT DAVIT	3500#
2	HSL BOAT DAVIT	19,800#
1	ANCHOR WINDLASS	22,000# @ 33 RPM
1	DT MARINE MOD 307EHLWR TOW WINCH BARE DRUM	500# @ 0-300 FPM
1	DT MARINE MOD 3020EHLWR TOW WINCH BARE DRUM	4000# @ 0-120 FPM
1	MVP100 PROFILER	
2	HYDRAULIC POWERED CRANE	SEE CRANE CAPACITY TABLE

TANK CAPACITY

TANK	TOTAL GAL
AUXILIARY ENGINE LUBE OIL (98%)	347
DIRTY OIL (98%)	1,006
EMER DIESEL GEN DAY TANK	253
FUEL OIL STORAGE (98%)	138,472
GEAR LUBE OIL (98%)	347
GREY WATER	31,578
HYDRAULIC OIL (98%)	693
MAIN ENGINE LUBE OIL (98%)	693
OILY BILGE (98%)	1,006
POTABLE WATER (100%)	47,808
ROLL STABILIZATION (100%)	23,583
SALTWATER BALLAST (100%)	71,819
SEWAGE (98%)	32,279

PROVISIONS CAPACITY

DRY STORAGE	128.7 SQ FT
CHILLED STORAGE	87.1 SQ FT
FREEZER STORAGE	91.0 SQ FT

PROPULSION MACHINERY/ELECTRICAL PLANT

QTY	NAME
1	MAIN ENGINE: MARINE DIESEL ENGINE, TURBOCHARGED, MODEL 12-645F7B, RATED AT 2550 BHP @ 900 RPM
1	AUXILIARY ENGINE: DETROIT DIESEL MODEL 8062-7000 RATED AT 230 HP CONTINUOUS @ 1800 RPM, SERIES 6V-92N
3	MAIN GENERATOR SET: DIESEL POWERED WITH DETROIT DIESEL DDC(MTU) SERIES 60 WITH MARATHON 345KW ALTERNATOR MODEL 433RSL1021, 460 VOLTS, 1800 RPM, 3 PHASE, 60 HZ
1	EMERGENCY GENERATOR SET: DIESEL POWERED MODEL 8VAR-150 W/DETROIT DIESEL 6V-92NA W/KATO 150 KW GENERATOR, MODEL 4P2-1438, 1800 RPM, 3 PHASE, 60 HZ
1	PROPELLER: 106" DIA, 5 BLADE, FIXED PITCH
1	MECHANICAL TUNNEL THRUSTER: THRUSTMASTER MODEL 42TT400L

MOTOR CONTROLLERS:	
1	AFT CRANE 50 HP
1	AIR COMPRESSOR NO. 2 10 HP
1	AIR HANDLING UNIT (01-33-1) 7.5 HP
1	AIR HANDLING UNIT (1-15-2) 7.5 HP
1	AIR HANDLING UNIT (1-44-2) 5 HP
1	AIR HANDLING UNIT (1-80-2) 2 HP
1	AIR HANDLING UNIT (2-62-2) 3 HP
1	ANCHOR WINDLASS POWER PACK 40 HP
1	BILGE PUMP 7.5 HP
1	BOSUNS STORES SUPPLY FAN 1/3 HP
1	BOW THRUSTER VFD 400 HP
1	"C" FRAME HYDRAULIC POWER PACK 3 HP
1	ELECTRIC/HYDRAULIC WINCH 20 HP
1	ELECTRIC WINCH AFT 3/4 HP
1	EMERGENCY ROOM SUPPLY FAN 1/3 HP
1	FIRE PUMP 60 HP
1	FWD CRANE 40 HP
1	GALLEY EXHAUST FAN (E1-18-2) 3 HP
1	GREY WATER LIFT STATION 3/4 HP
1	HSL HYDRAULIC POWER PACK 2 X 135 HP
1	PASSAGE SUPPLY FAN (S1-55-2) 1 HP
1	POTABLE WATER PRESSURE SET NO. 1 1 HP
1	POTABLE WATER PRESSURE SET NO. 2 1 HP
1	QUARTERS EXHAUST FAN (E1-10-2) 3 HP
1	STEERING COMPARTMENT SUPPLY FAN 1 HP
1	SEWAGE GRINDER PUMP 2 HP
1	STEERING HYDRAULIC PUMP NO. 1 7.5 HP
1	STEERING HYDRAULIC PUMP NO. 2 7.5 HP
1	TEMPERED AIR FAN (TA1-12-2) 7.5 HP
1	WORKSHOP SUPPLY FAN (S2-85-2) 1.5 HP
1	POTABLE WATER PUMP 10 HP
1	GREY WATER PUMP 10 HP

CRANE CAPACITY TABLE

MAIN HOIST — STATIC RATED LOAD					MAIN HOIST — SAFE WORKING LOAD AT SEA				
BOOM	EXTENDED		RETRACTED		BOOM	EXTENDED		RETRACTED	
REACH FT	ANGLE DEG	CAPACITY LBS	ANGLE DEG	CAPACITY LBS	REACH FT	ANGLE DEG	CAPACITY LBS	ANGLE DEG	CAPACITY LBS
5	82.2	16,700	76.9	16,700	5	82.2	9,000	76.9	9,000
10	76.6	16,700	67.1	16,700	10	76.6	9,000	67.1	9,000
15	70.8	16,700	56.5	16,700	15	70.8	9,000	56.5	9,000
20	64.7	16,700	44.6	16,700	20	64.7	9,000	44.6	9,000
25	58.4	15,100	29.3	16,700	25	58.4	8,100	29.3	9,000
30	51.7	13,000	0	15,000	30	51.7	7,000	0	8,000
35	44.2	11,500	-	-	35	44.2	6,200	-	-
40	35.6	10,200	-	-	40	35.6	5,500	-	-
45	24.8	9,000	-	-	45	24.8	4,900	-	-
50	0	7,000	-	-	50	0	3,800	-	-

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: NONE		CAD FILENAME TJ-085-002	SHT 2 OF 15

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## COMPARTMENT DIRECTORY

COMPARTMENT DESIGNATION	NO	DECK	FRAME
AFT RADIO ROOM	03-39-2	BRIDGE	39-44 P
AUXILIARY ENGINE LUBE OIL TANK	3-75-2	FLAT	75-77 P
BALLAST TANK	4-8-1	HOLD	8-16 S
BALLAST TANK	4-8-2	HOLD	8-16 P
BALLAST TANK	4-22-0	HOLD	22-28 CL
BALLAST TANK	4-22-1	HOLD	22-30 S
BALLAST TANK	4-22-2	HOLD	22-30 P
BALLAST TANK	4-43-1	HOLD	43-55 S
BALLAST TANK	4-43-2	HOLD	43-55 P
BALLAST TANK	4-59-0	HOLD	59-65 CL
BALLAST/EFFLUENT HOLDING TANK	4-75-0	HOLD	75-87 CL
BILGE HOLDING TANK	4-57-1	HOLD	57-59 S
BOATSWAIN STORAGE	1-C-0	MAIN	C-8 CL
BOW THRUSTER THRUNK	4-12-0	HOLD	12-14 CL
CAPTAIN'S OFFICE	02-24-1	UPPER	24-37 S
CAPTAIN'S STATEROOM	02-37-3	UPPER	37-46 S
CHAIN LOCKER	2-6-0	LOWER	6-8 CL
CHART ROOM	03-36-0	BRIDGE	36-44 CL
CHIEF ENGINEER'S OFFICE	01-19-1	FCSLE	19-25 S
CHIEF ENGINEER'S STATEROOM	01-25-1	FCSLE	25-30 S
CHIEF STEWARDS OFFICE	1-25-4	MAIN	25-28 P
CHILLED STORES	2-14-2	LOWER	14-18 P
CLEANING GEAR LOCKER	02-31-1	UPPER	31-33 S
CLEANING GEAR LOCKER	01-30-1	FCSLE	30-32 S
CLEANING GEAR LOCKER	1-8-2	MAIN	8-11 P
CLEANING GEAR LOCKER	2-35-1	LOWER	35 1/2-38 S
CLEANING GEAR LOCKER	2-44-1	LOWER	44 1/2-47 1/2 S
DAMAGE CONTROL LOCKER	1-55-2	MAIN	55 1/2-63 P
DECK GEAR LOCKER	01-43-3	FCSLE	43-47 S
DECK STORAGE LOCKER	01-43-5	FCSLE	43-47 S
DIESEL OIL SERVICE TANK	4-75-1	HOLD	75-81 S
DIESEL OIL SERVICE TANK	4-75-2	HOLD	75-81 P
DIESEL OIL STORAGE TANK	4-16-1	HOLD	16-22 S
DIESEL OIL STORAGE TANK	4-16-2	HOLD	16-22 P
DIESEL OIL STORAGE TANK	4-34-0	HOLD	34-43 CL
DIESEL OIL STORAGE TANK	4-34-1	HOLD	34-43 S
DIESEL OIL STORAGE TANK	4-34-2	HOLD	34-43 P
DIESEL OIL STORAGE TANK	4-55-3	HOLD	55-71 S
DIESEL OIL STORAGE TANK	4-55-4	HOLD	55-71 P
DIESEL OIL STORAGE TANK	4-75-3	HOLD	75-87 S
DIESEL OIL STORAGE TANK	4-75-4	HOLD	75-87 P
DIESEL OIL TANK	4-43-0	HOLD	43-55 CL
DIVE LOCKER	1-77-0	MAIN	77-83 CL
DRAIN HOLDING TANK	4-22-0	HOLD	22-30 CL
DRY STORES	1-25-2	MAIN	25-32 P
EMERGENCY DIESEL GENERATOR DAY TANK	01-87-2	MAIN	87-88 P
EMERGENCY GENERATOR ROOM	1-83-0	MAIN	83-89 CL
ENGINE ROOM	4-55-0	HOLD	55-75 CL
ENGINEER'S STORAGE	2-75-1	LOWER	75-87 S
EXERCISE ROOM	3-22-0	FLAT	22-30 CL
FAN ROOM	01-30-3	FCSLE	30-34 S
FAN ROOM	1-8-4	MAIN	8-16 P
FIRST ASST ENGINEER STATEROOM	01-29-2	FCSLE	29-35 P
FOREPEAK BALLAST	4-0-0	HOLD	0-8 CL
FREEZER STORES	2-18-2	LOWER	18-22 P
GALLEY	1-16-2	MAIN	16-25 P
GEAR LUBE OIL TANK	3-75-1	FLAT	75-77 S
GREY WATER TANK	4-22-0	HOLD	22-30 CL
GREY WATER TANK	4-28-0	HOLD	28-30 CL
GREY WATER TANK	4-34-0	HOLD	34-43 CL
GREY WATER TANK	4-43-0	HOLD	43-55 CL
GSM STORAGE	1-8-1	MAIN	8-16 S
GSM STORAGE	2-8-1	LOWER	8-22 S
HOSPITAL	1-42-1	MAIN	42-50 S
HYDRAULIC OIL TANK	3-75-3	FLAT	75-77 S
HPU ENCLOSURE	01-61-0	FCSLE	61-67 CL
LAUNCH LOCKER	1-69-2	MAIN	69 1/2-73 P
LAUNDRY	3-22-2	FLAT	22-30 P
LINEN LOCKER	01-43-1	FCSLE	43-47 S
LOCKER	02-31-1	UPPER	31-33 S
LOCKER	01-17-1	FCSLE	17-19 S
LOUNGE	1-30-1	MAIN	30-42 S
MACHINERY CONTROL STATION	2-63-1	LOWER	63-75 S
MAIN ENGINE LUBE OIL	3-75-4	FLAT	75-77 P
MESS DECK	1-16-1	MAIN	16-30 S
OPERATIONS OFFICER'S OFFICE	01-19-2	FCSLE	19-25 P
OPERATIONS OFFICER'S STATEROOM	01-23-2	FCSLE	23-29 P
PAINT LOCKER	1-88-2	MAIN	88-90 P
PASSAGEWAY	02-26-0	UPPER	26-46 CL
PASSAGEWAY	01-17-0	FCSLE	17-47 CL
PASSAGEWAY	01-25-2	FCSLE	25-31 1/2 P
PASSAGEWAY	1-8-0	MAIN	8-16 CL
PASSAGEWAY	1-16-0	MAIN	16-50 CL
PASSAGEWAY	1-50-0	MAIN	50-77 CL
PASSAGEWAY	2-8-0	LOWER	8-25 CL
PASSAGEWAY	2-25-0	LOWER	25-34 CL
PASSAGEWAY	2-34-0	LOWER	34-43 CL
PASSAGEWAY	2-43-0	LOWER	43-51 CL

## COMPARTMENT DIRECTORY

COMPARTMENT DESIGNATION	NO	DECK	FRAME
PILOT HOUSE	03-27-0	BRIDGE	27-36 CL
PUBLIC TOILET	03-33-1	BRIDGE	33-36 S
PLOT RM	1-32-4	MAIN	32-50 P
POTABLE WATER TANK	2-87-1	LOWER	87-95 S
POTABLE WATER TANK	2-87-2	LOWER	87-95 P
POTABLE WATER TANK	3-30-1	FLAT	30-33 S
POTABLE WATER TANK	3-30-2	FLAT	30-33 P
POTABLE WATER TANK	3-44-1	FLAT	44-54 S
POTABLE WATER TANK	3-44-2	FLAT	44-54 P
POTABLE WATER MACHINERY ROOM	3-27-0	FLAT	27-30 CL
PUBLIC TOILET	1-48-2	MAIN	48-50 P
RADIO ROOM	03-33-2	BRIDGE	33-39 P
ROLL STABILIZATION TANK	3-51-0	FLAT	51-55 CL
SCIENTIFIC STORAGE	2-22-3	LOWER	22-25 S
SCIENTIFIC STORAGE	2-22-2	LOWER	22-34 P
SEWAGE HOLDING TANK	4-43-0	HOLD	43-55 CL
SEWAGE HOLDING TANK	4-55-0	HOLD	55-57 CL
SEWAGE HOLDING TANK	4-57-0	HOLD	57-65 CL
SHIP STORAGE	2-8-2	LOWER	8-14 P
SHIPS STORE	1-8-3	MAIN	11-14 P
SLUDGE TANK	4-57-2	HOLD	57-59 P
SONAR DOME	4-2-0	HOLD	2-3 CL
SSFC/UPS SPACE	1-32-2	MAIN	31 1/2-35 P
STAIR PASSAGE	02-33-1	UPPER	33-37 S
STAIR PASSAGE	2-37-1	LOWER	35 1/2-41 S
STAIR PASSAGE	2-44-1	LOWER	46-49 1/2 S
STAIRTOWER	3-25-2	FLAT	25-31 1/2 P
STATEROOM (1 MAN)	01-39-1	FCSLE	39-43 S
STATEROOM (1 MAN)	01-39-2	FCSLE	39-43 P
STATEROOM (1 MAN)	01-43-4	FCSLE	43-46 P
STATEROOM (2 MAN)	02-40-2	UPPER	40-46 P
STATEROOM (2 MAN)	01-34-1	FCSLE	34-39 S
STATEROOM (2 MAN)	01-34-4	FCSLE	34-37 1/2 P
STATEROOM (2 MAN)	2-25-1	LOWER	25-30 S
STATEROOM (2 MAN)	2-30-1	LOWER	30-34 S
STATEROOM (2 MAN)	2-34-1	LOWER	34-39 S
STATEROOM (2 MAN)	2-34-2	LOWER	34-39 P
STATEROOM (2 MAN)	2-39-1	LOWER	39-43 S
STATEROOM (2 MAN)	2-39-2	LOWER	39-43 P
STATEROOM (2 MAN)	2-43-1	LOWER	43-47 S
STATEROOM (2 MAN)	2-43-2	LOWER	43-47 P
STATEROOM (2 MAN)	2-47-1	LOWER	47-51 S
STATEROOM (2 MAN)	2-47-2	LOWER	47-51 P
STATEROOM (2 MAN)	2-51-1	LOWER	51-55 S
STATEROOM (2 MAN)	2-51-2	LOWER	51-55 P
STEERING GEAR ROOM	4-87-0	HOLD	87-95 CL
TRANSDUCER, VOID	4-30-0	HOLD	30-34 CL
T/SH	02-37-1	UPPER	37-40 S
T/SH	02-37-2	UPPER	37-40 P
T/SH	02-37-4	UPPER	37-40 P
T/SH	01-26-2	FCSLE	26-29 P
T/SH	01-28-1	FCSLE	27-30 S
T/SH	01-32-1	FCSLE	31 1/2-34 P
T/SH	01-34-2	FCSLE	34-36 1/2 P
T/SH	01-36-1	FCSLE	36-39 S
T/SH	01-38-2	FCSLE	38-41 P
T/SH	01-41-1	FCSLE	40-43 S
T/SH	01-43-2	FCSLE	42-45 P
T/SH	2-29-1	LOWER	28-31 S
T/SH	2-37-2	LOWER	37-40 P
T/SH	2-37-3	LOWER	37-40 S
T/SH	2-46-2	LOWER	46-49 P
T/SH	2-46-3	LOWER	46-49 S
T/SH	2-52-0	LOWER	52-55 CL
T/SH (HOSPITAL)	1-47-1	MAIN	47-50 S
UPTAKE	1-58-0	MAIN	58-61 CL
VENT	1-56-0	MAIN	55 1/2-58 CL
VENT	1-73-2	MAIN	72 1/2-75 P
VOID	2-87-4	LOWER	87-88 1/2 P
VOID	4-43-1	HOLD	43-55 S
VOID	4-43-2	HOLD	43-55 P
VOID	4-87-1	HOLD	87-95 S
VOID	4-87-2	HOLD	87-95 P
WORKSHOP	2-75-0	LOWER	75-87 CL
XO'S OFFICE	02-24-2	UPPER	24-31 1/2 S
XO'S SR	02-31-2	UPPER	31 1/2-37 P

## REVISIONS (CONTD)

REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD
F	2	14-D	1	REVISED THE WEIGHT OF NEW HSL DAVIT	XX/17	XXX
	2	10-C	2	REVISED HORSE POWER RATING OF THE HSL HYDRAULIC POWER PACK.		
	3	24-B	3	ADDED THE NEW HPU ENCLOSURE TO THE COMPARTMENT DIRECTORY.		
	4	28-A	4	REVISED THE OUTBOARD PROFILE TO INCLUDE THE NEW HSL DAVIT AND HPU ENCLOSURE.		
	5	36-A	5	REVISED THE INBOARD PROFILE TO INCLUDE THE NEW HPU ENCLOSURE.		
	7	49-A	6	REVISED THE FORCASTLE DECK PLAN TO INCLUDE THE NEW HPU ENCLOSURE AND STACK DOOR.		
	8	57-B	7	REVISED THE MAIN DECK PLAN TO INCLUDE THE NEW HSL DAVIT.		

32 31 30 29 28 27 26 25

D

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C

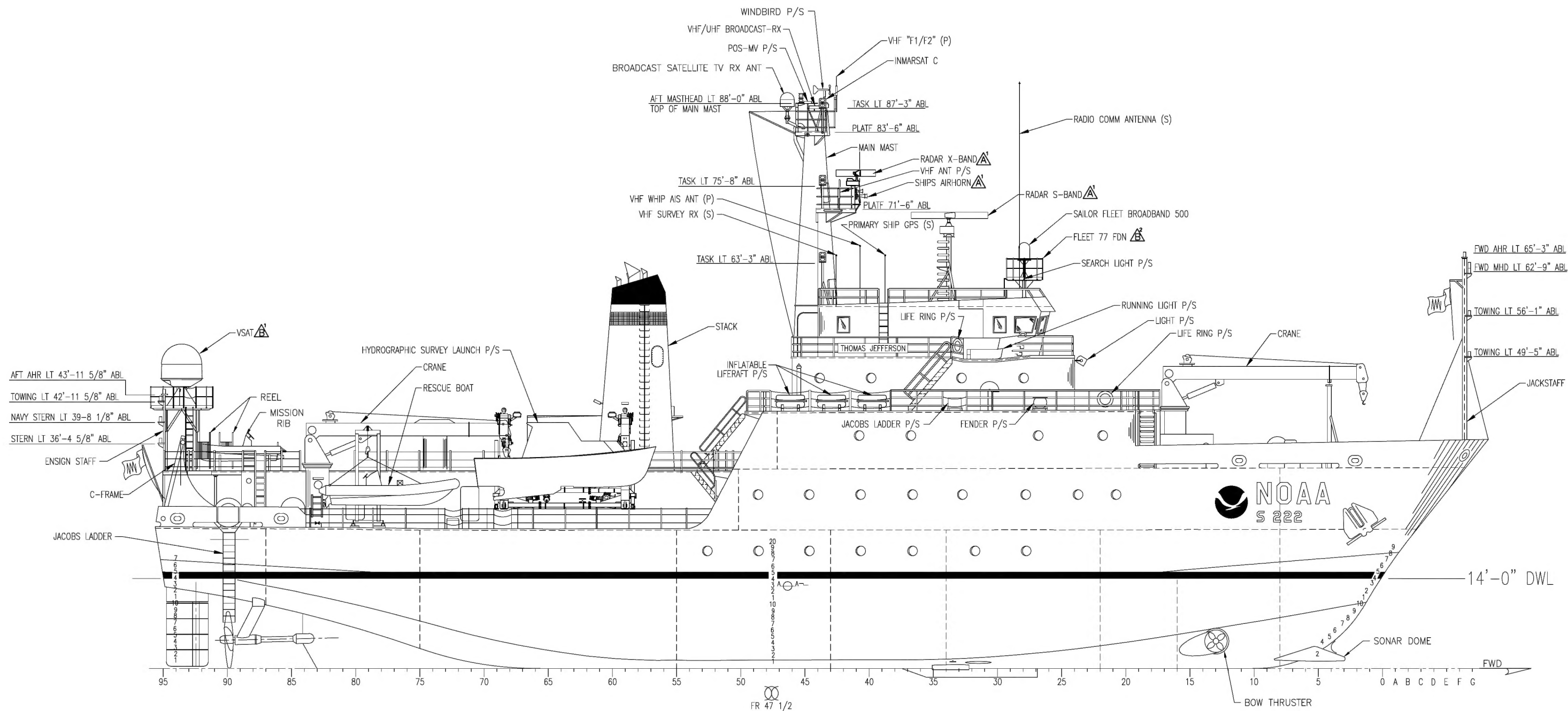
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OUTBOARD PROFILE

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 4 OF 15

32 31 30 29 28 27 26 25



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D

D

C

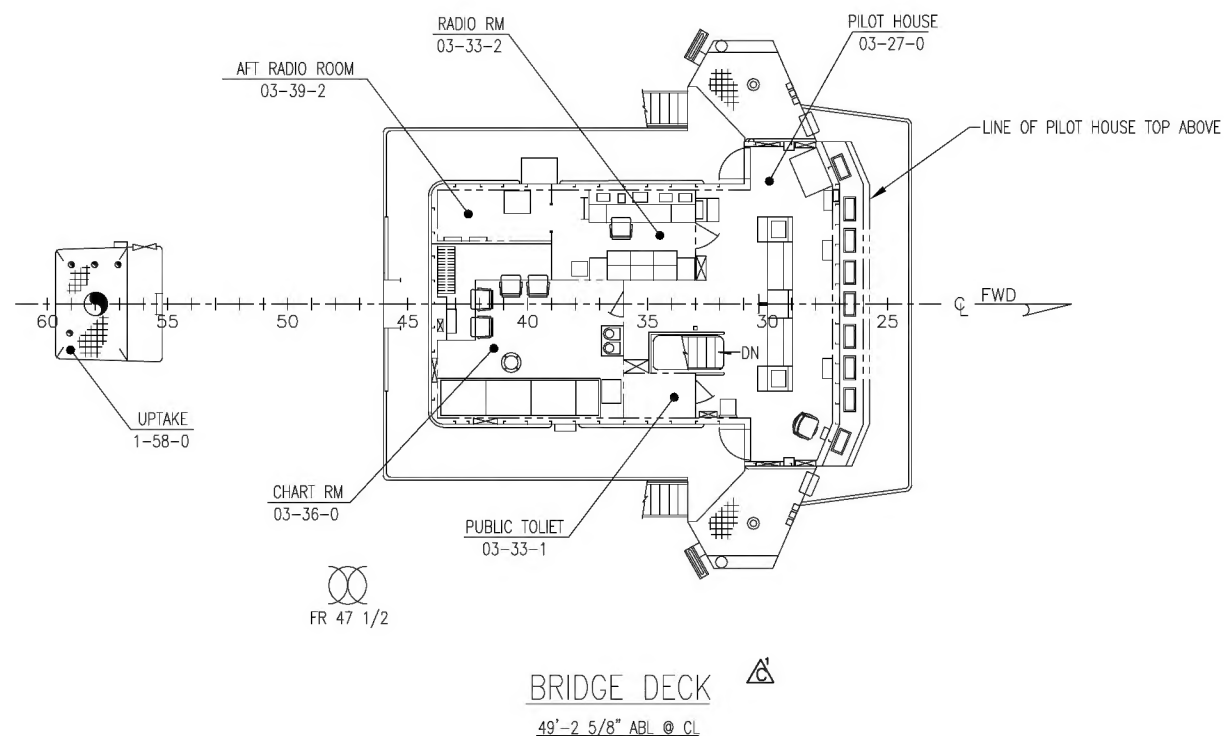
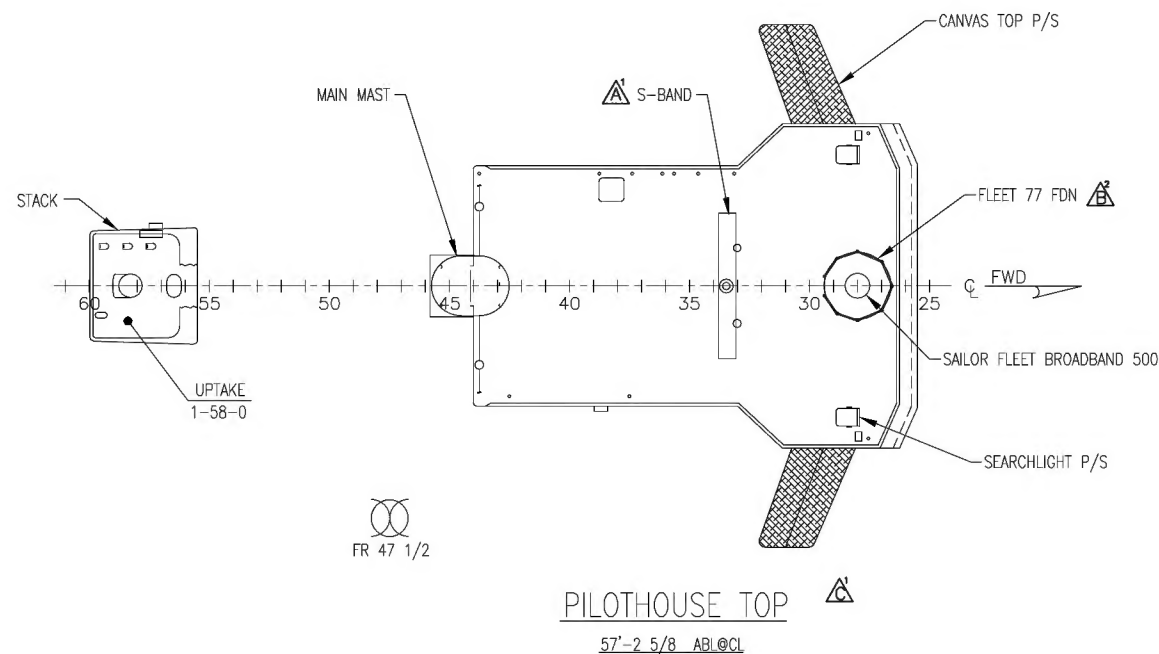
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## LEGEND:

	STEEL BHD
	JOINER DIVISIONAL BHD
	EXPANDED METAL BHD

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	C
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 6 OF 15

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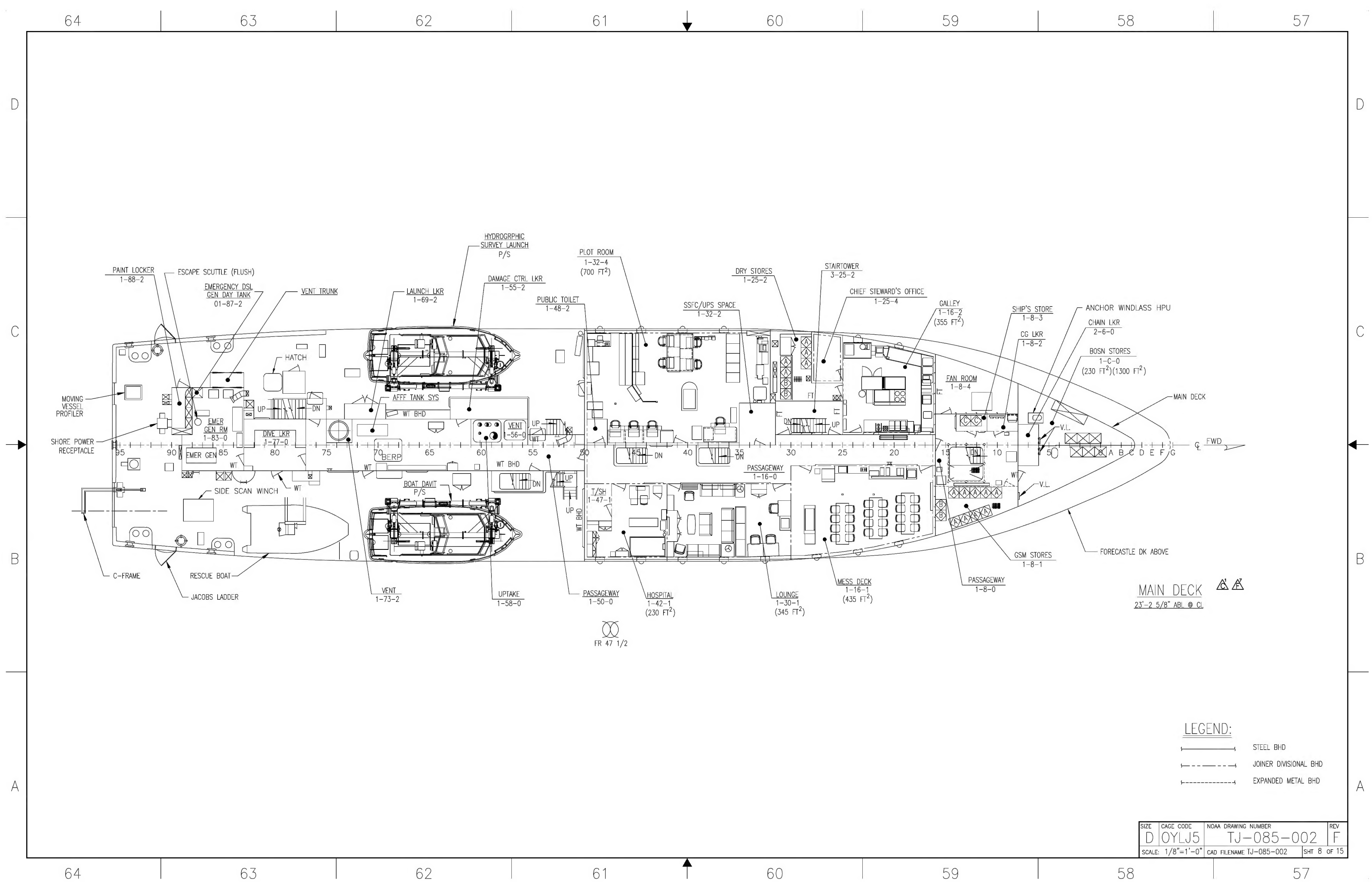
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41









72 71 70 69 68 67 66 65

D

D

C

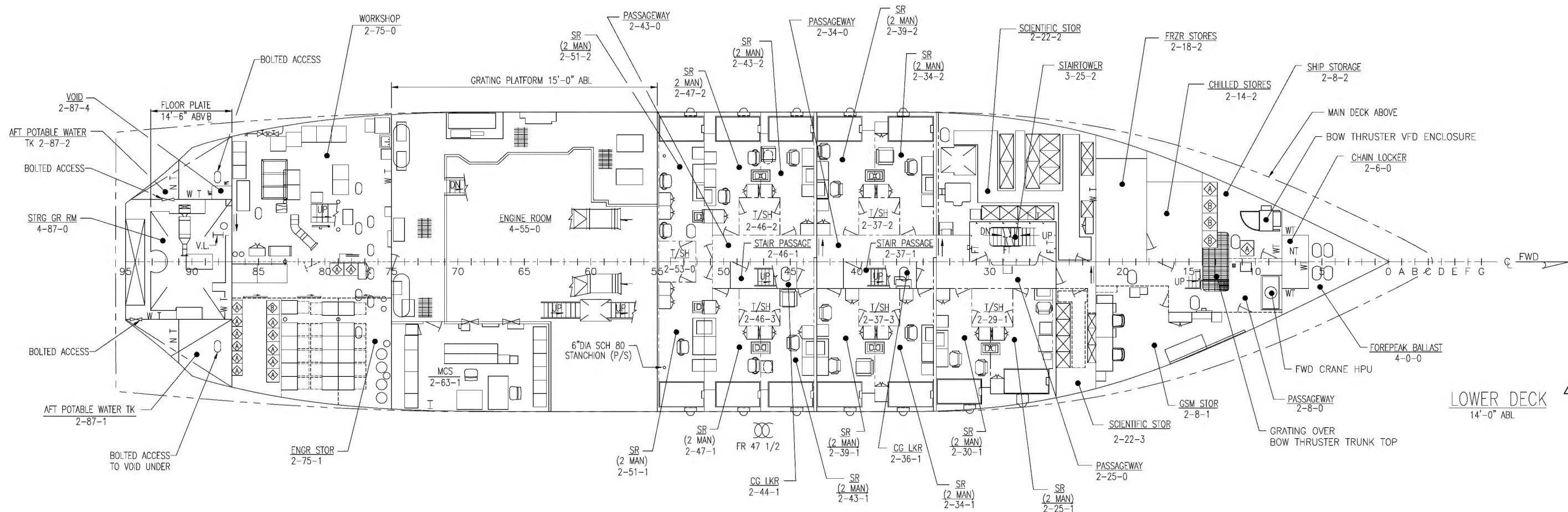
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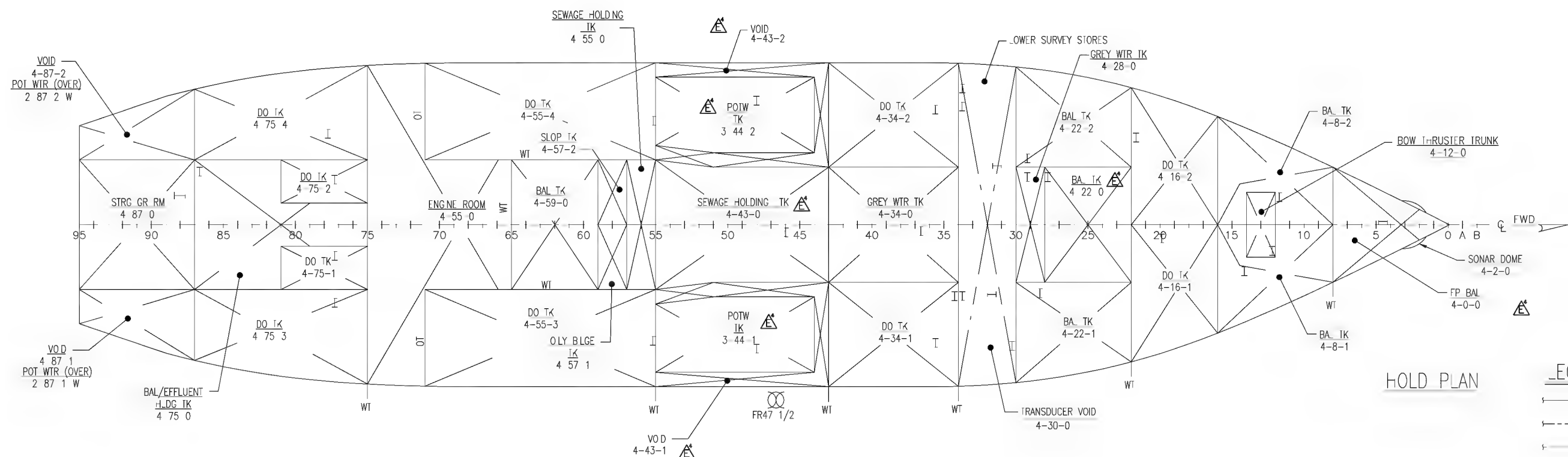
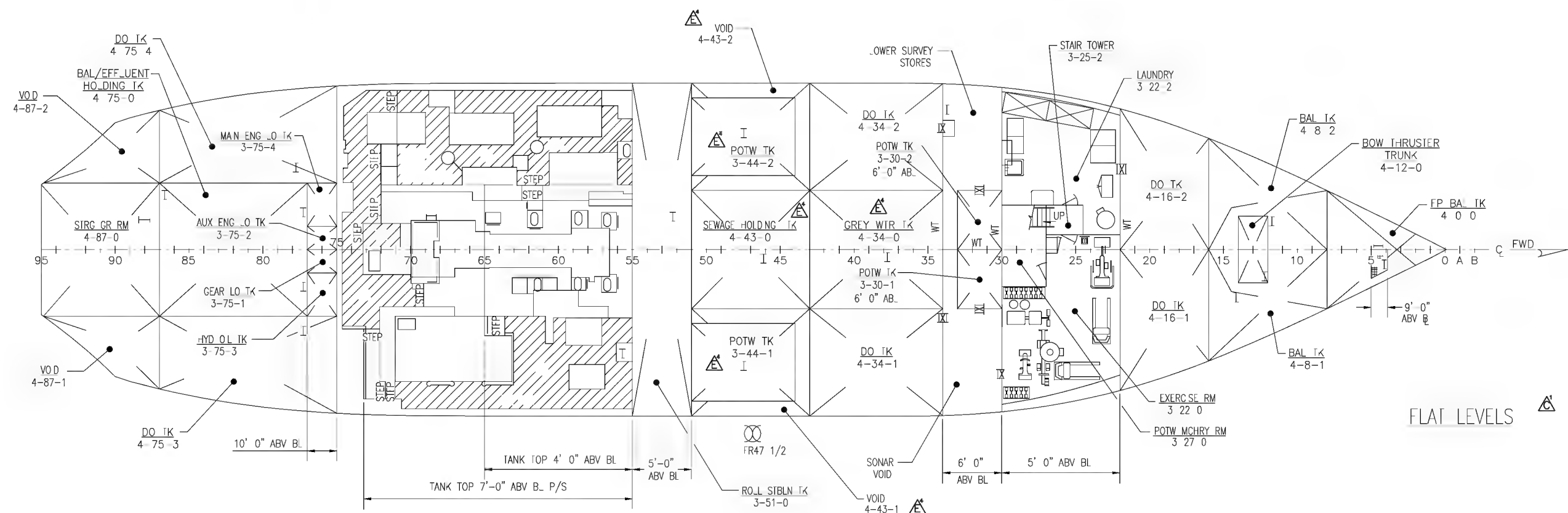
LEGEND:

- STEEL BHD
- JOINER DIVISIONAL BHD
- EXPANDED METAL BHD

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	C
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 9 OF 15

72 71 70 69 68 67 66 65





HOLD PLAN

SIZE D	CAGE CODE OYLJ5	NOAA DRAWING NUMBER TJ 085 002	REV E
SCALE: 1/8"-1'-0"		CAD FILENAME TJ-085-002	SHT 10 OF 15



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PROPELLER TIP CLEARANCE TABLE

TRIM (INCHES)	BY	PROPELLER CLEARANCE INCHES FROM LOW POINT
6	BOW	5.6
0	EVEN KEEL	0.75
6	STERN	0.32
10 & GREATER	STERN	0

TABLE OF OFFSETS FOR SIDE BLOCKS  
INTERVALS GIVEN IN INCREMENTS OF 8'-0"

NO.2 DOCKING POSITION AFTER SIDE OF NO.1 BLOCK 45' 6 3/8" FROM AFT REF POINT

SIDE	BLK NO.	FWD OF REF PT	POINT A		POINT B		BEVEL IN 18" FOR C
			HB	HT	HB	HT	
P/S	1	45'-6 3/8"	7 9 0	3 6 4+	10 3 0	4 0 7+	-4 5/8"
P/S	2	53'-6 3/8"	7 9 0	1 9 1+	10 3 0	2 3 1	-3"
P/S	3	61'-6 3/8"	13 9 0	1 9 2	16 3 0	2 1 6	-2"
P/S	4	69'-6 3/8"	13 9 0	1 1 5+	16 3 0	1 4 5	-1 1/16"
P/S	5	77'-6 3/8"	13 9 0	0 10 5+	16 3 0	1 1 0	0
P/S	6	85'-6 3/8"	13 9 0	0 10 5+	16 3 0	1 1 0	0
P/S	7	93'-6 3/8"	12 9 0	0 9 6+	15 3 0	1 0 0+	0
P/S	8	101'-6 3/8"	12 9 0	0 9 6+	15 3 0	1 0 0+	0
P/S	9	109'-6 3/8"	12 9 0	0 9 6+	15 3 0	1 0 0+	0
P/S	10	117'-6 3/8"	12 9 0	0 9 7+	15 3 0	1 0 2	0
S	11	125'-6 3/8"	12 9 0	0-11-6	15 3 0	1 2 4	(-) 9/16"
P/S	12	133'-6 3/8"	6 9 0	0 7 3+	9 3 0	0 11 1+	(-) 5/8"
P/S	13	141'-6 3/8"	6 9 0	0 11 7	9 3 0	1 5 3	(-) 1 1/4"
P/S	14	149'-6 3/8"	6 9 0	1 7 5	9 3 0	2 4 1	(-) 2 1/8"

TABLE OF OFFSETS FOR SIDE BLOCKS  
INTERVALS GIVEN IN INCREMENTS OF 12' 0"

NO.2 DOCKING POSITION-AFTER SIDE OF NO.1 BLOCK 45'-6 3/8" FROM AFT REF POINT

SIDE	BLK NO.	FWD OF REF PT	POINT A		POINT B		BEVEL IN 18" FOR C
			HB	HT	HB	HT	
P/S	1	45' 6 3/8"	7 9 0	3 6 4+	10 3 0	4 0 7+	4 5/8"
P/S	2	57' 6 3/8"	13 9 0	2 3 1+	16 3 0	2 8 4+	2 5/8"
P/S	3	69'-6 3/8"	13 9 0	1 1 5+	16 3 0	1 4 5	1"
P/S	4	81'-6 3/8"	13 9 0	0 10 5+	16 3 0	1 1 0	0
P/S	5	93'-6 3/8"	12 9 0	0 9 6+	15 3 0	1 0 0+	0
P/S	6	105' 6 3/8"	12 9 0	0 9 6	15 3 0	1 0 0+	0
P/S	7	117'-6 3/8"	12-9-0	0 9 7	15 3 0	1 0 1	0
P/S	8	129'-6 3/8"	12 9 0	1 1 5	15 3 0	1 4 6	(-) 7/8"
P/S	9	141'-6 3/8"	6 9 0	0 11 7	9 3 0	1 5 3	(-)1 15/16"
P/S	10	153'-6 3/8"	6 9 0	2 1 3+	9 3 0	2 11 7+	(-) 2 3/4"

PARTS LIST

ITEM NO.	QTY.	SIZE	DESCRIPTION	MATERIAL	SPEC NO.	CODE DENT	PART NO.	REMARKS	GR NO.	UNIT WT _BS
1	30	1 1/2"	PLUG, PIPE W/SQ SOCKET	BRZ						
2	30	1 1/2"	HALF COUPLNG	SSI						

DOCKING PLAN GENERAL NOTES

1. ARABIC NUMERALS REPRESENT NAVIGATIONAL DRAFTS AND HEIGHT ABOVE BOTTOM OF FLAT KEEL AMIDSHIPS EXTENDED.

2. DIMENSIONS :

(A) LONGTUDINAL LOCATIONS OF ALL ITEMS ARE GIVEN FROM THE STERN REFERENCE POINT (AFTER END OF MAIN DECK AT CENTERLINE).

(B) HEIGHTS OF ALL ITEMS ARE GIVEN FROM THE BOTTOM OF THE KEEL AMIDSHIPS EXTENDED.

(C) LONGTUDINAL LOCATIONS OF SIDE BLOCKS ARE TAKEN TO THE AFTER SIDE OF BLOCKS. HEIGHT OF SIDE BLOCKS ARE TAKEN TO THE AFTER SIDE OF BLOCKS AFT OF AMIDSHIPS AND TO THE FORWARD SIDE OF BLOCKS FORWARD OF AMIDSHIPS.

3. COMPLETE PAINTING OF HULL :

(A) IN ORDER TO CLEAN AND PAINT THE ENTIRE BOTTOM OF THE VESSEL IN THREE SUCCESSIVE DOCKINGS. THE FOLLOWING POSITIONS OF THE VESSEL ARE NECESSARY:

(1) POSITION NO.1  
AFTER END OF MAIN DECK (POINT OF REFERENCE) IS PLACED 43'-6 3/8" AFT OF AFTER SIDE OF NO.1 SIDE BLOCK.

(2) POSITION NO.2  
AFTER END OF MAIN DECK (POINT OF REFERENCE) IS PLACED 45'-6 3/8" AFT OF AFTER SIDE OF NO.1 SIDE BLOCK.

(3) POSITION NO.3  
AFTER END OF MAIN DECK (POINT OF REFERENCE) IS PLACED 41'-6 3/8" AFT OF AFTER SIDE OF NO.1 SIDE BLOCK.

(B) REPEAT CYCLE OF POSITIONS ASCERTAIN FROM VESSEL. THE POSITION OF VESSEL AT ITS LAST DOCKING.

4. DIMENSIONS OF OFFSET TABLES ARE GIVEN IN FEET, INCHES AND EIGHTHS OF AN INCH.

5. KEEL BLOCKS SHALL BE CONFIGURED TO CLEAR DRAIN PLUGS.

6. BLOCKING :

(A) BLOCKING SHOWN ON THIS PLAN IS THAT REQUIRED FOR BLOCKING UNDER ORDINARY UNDAMAGED CONDITIONS FOR 8'-0", 12'-0" OR 16'-0" SPACED BEARERS IN DRYDOCK.

(B) KEEL BLOCKS :

(1) KEEL BLOCKS SHALL BE ARRANGED IN PERS CONSISTING OF THREE 14"x14" HARDWOOD TIMBERS MOUNTED WITH 2 INCH MIN THICKNESS SOFTWOOD CAP. BLOCKS LONGTUDINAL SPACING TO BE 6'-0" CENTER TO CENTER WITH 30 INCH CLEAR SPAN BETWEEN PIERS.

(2) NO BLOCKS OR SHORES ARE REQUIRED UNDER ORDINARY CONDITONS OF DOCKING UNDER THE BOW FORWARD OF FRAME 16 AND UNDER THE STERN AFT OF FRAME 81.

(3) DOCKING POSITION NO.1 OMIT BLOCKS 6, 9 16, AND 19. REMOVE FWD 12" OF BLOCK 15.

(4) DOCKING POSITION NO.2 OMIT BLOCKS 15 AND 16. REMOVE FWD 16" OF BLOCK 13.

(5) DOCKING POSITION NO.3 OMIT BLOCKS 16 AND 19.

(C) SIDE BLOCKS (SHOWN ON THIS PLAN IN ALL THREE DOCKING POSITIONS) ARE INDICATED FOR 8'-0" SPACED BEARERS (P) AND 12'-0" SPACED BEARERS (S).

(1) SIDE BLOCKS SHALL BE LOCATED (P) AND (S) UNDER LONGITUDINAL BULKHEADS OFF CENTERLINE AS INDICATED ON TABLE OF OFFSETS IN ACCORDANCE WITH BEARER SPACING OF DOCK, EXCEPT AS NOTED.

(2) SOFT WOOD CAPS ARE REQUIRED.

(3) DIRECTION OF BEVEL ON BLOCKS IN 18" IS GIVEN ON "TYPICAL BEVELED BLOCK" SKETCHES (ZONE 110 A & 111 A) FOR FWD & AFT BLOCKS AND IN TABLE OF OFFSETS DIMENSION "C".

(4) THE TABLES OF OFFSETS WILL PERMIT DOCKING FROM PLAN IN DOCKS WHICH HAVE 8'-0", 12'-0" OR 16'-0" BEARER SPACING. BLOCK SPACINGS 12'-0" OR 16'-0" ONLY ARE REQUIRED WHEN DOCKING VESSELS OFF CENTER IN DOCKS WHICH HAVE 8'-0" BEARER SPACING. IT IS PERMISSIBLE TO STAGGER THE BLOCKS USING ODD ON ONE SIDE AND EVEN ON THE OTHER.

(5) SIDE BLOCKS ARE NUMBERED FROM AFT TO FORWARD WITH AFT BLOCK AS NO.1.

(6) UNIVERSAL CAP SIDE BLOCKS MAY BE USED IN LEU OF FITTED BLOCKS.

CRITICAL DIMENSIONS

LENGTH OVERALL

LENGTH BETWEEN PERPENDICULARS

BREADTH (EXTREME)

FRAME SPACING

FIRST SIDE BLOCK IS:

NO.1 DOCKING POSITION

NO.2 DOCKING POSITION

NO.3 DOCKING POSITION

END OF SKEG

HEIGHT OF MAST ABV 14'-0" WL

DRAFT - FULL LOAD

208'-2 1/4"

190" (MODDED)

45'-0 5/8"

24"

FROM AFT REF POINT

43'-6 3/8"

45'-6 3/8"

41'-6 3/8"

25'-6 3/8"

74'-0"

14'-0"

SIZE

CAGE CODE

NOAA DRAWING NUMBER

REV

D

OYLJ5

TJ-085-002

E

SCALE: NONE

CAD FILENAME TJ-085-002

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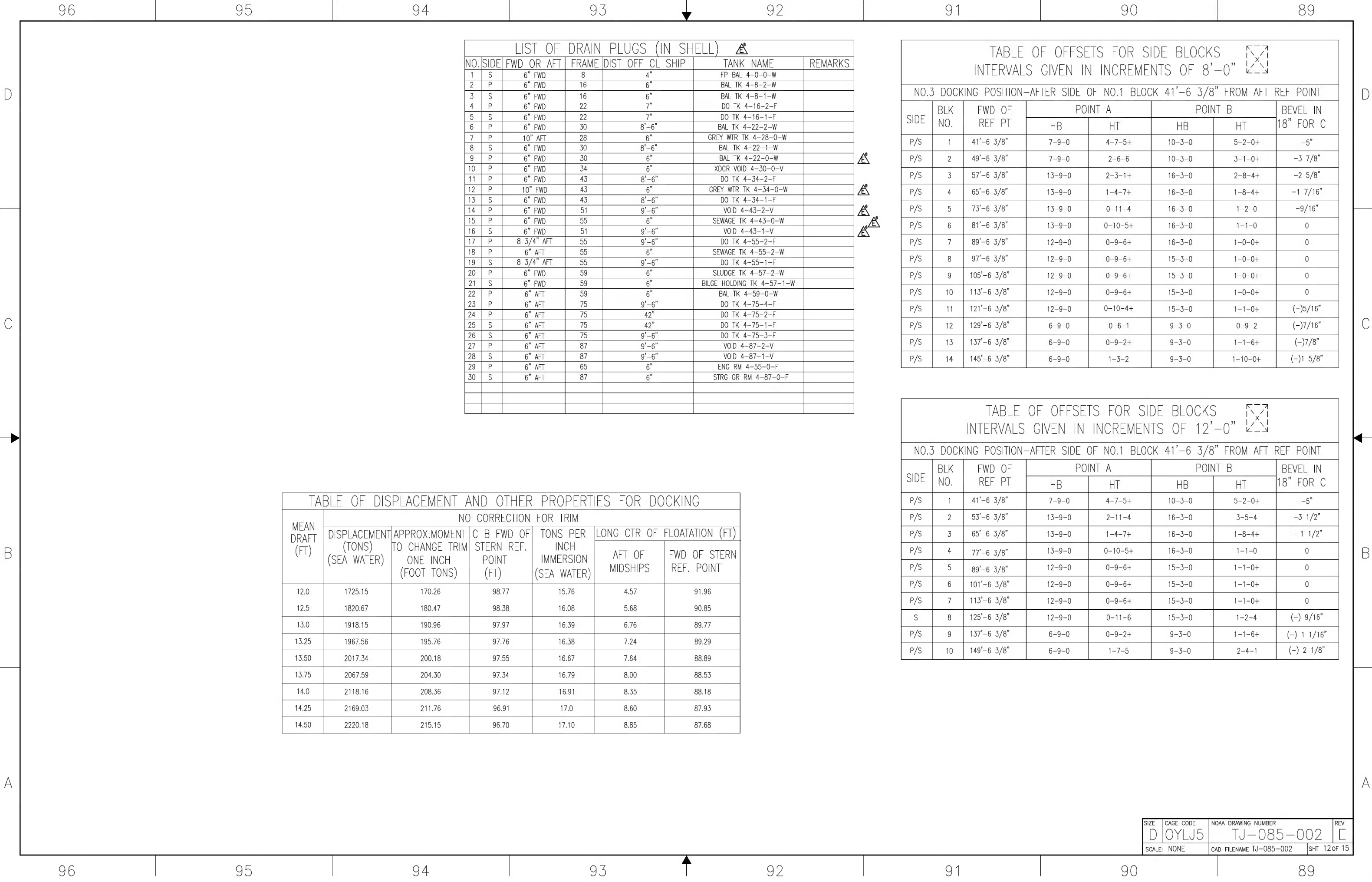
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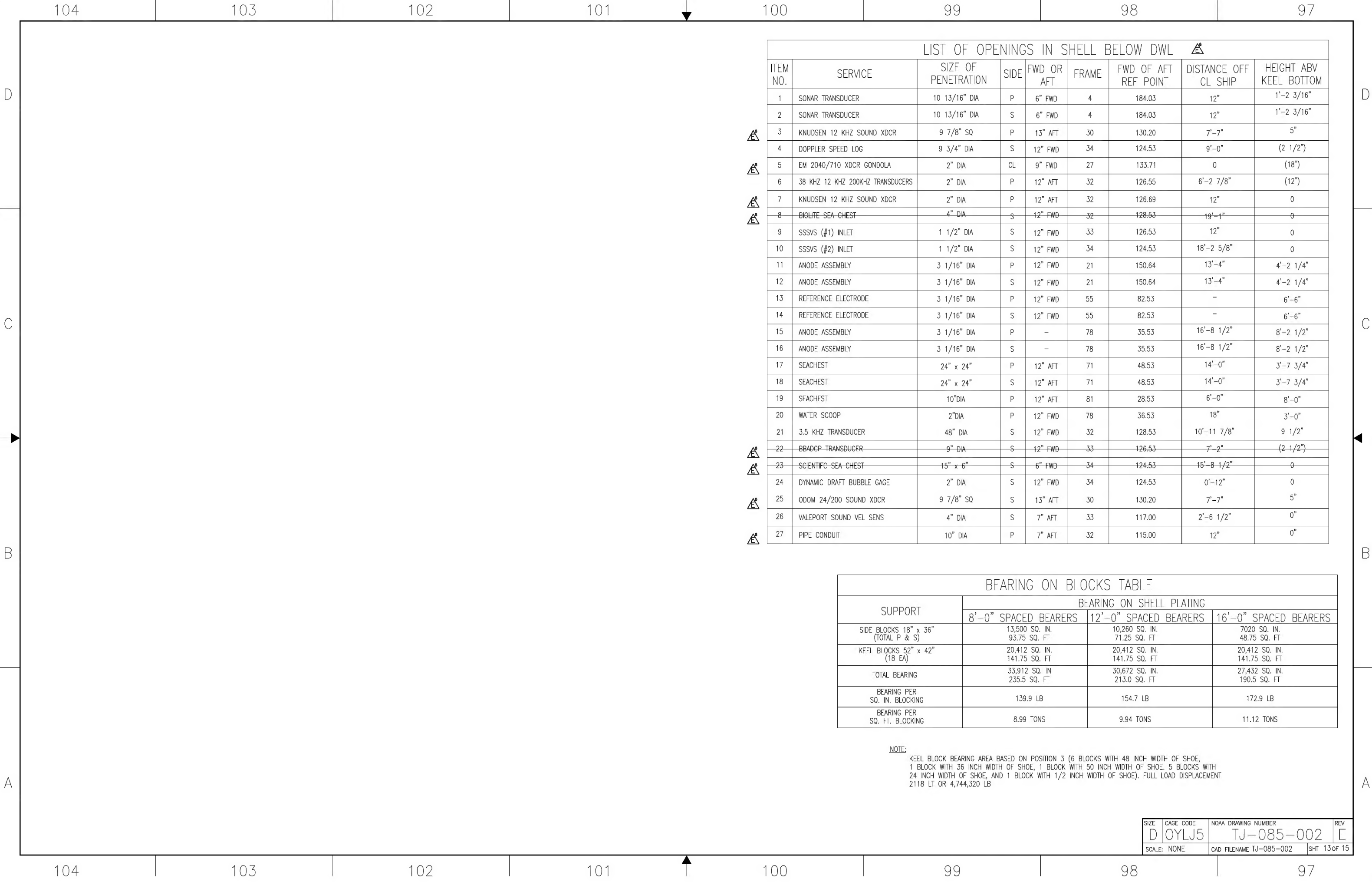
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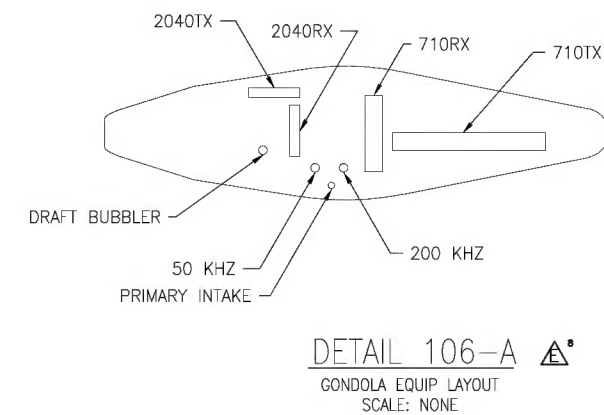
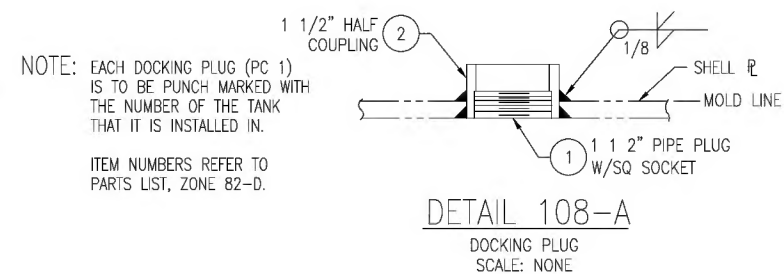
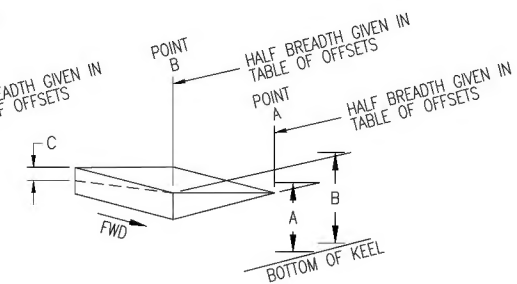
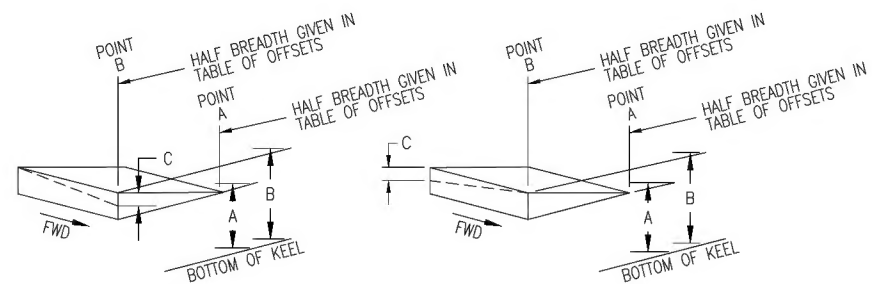
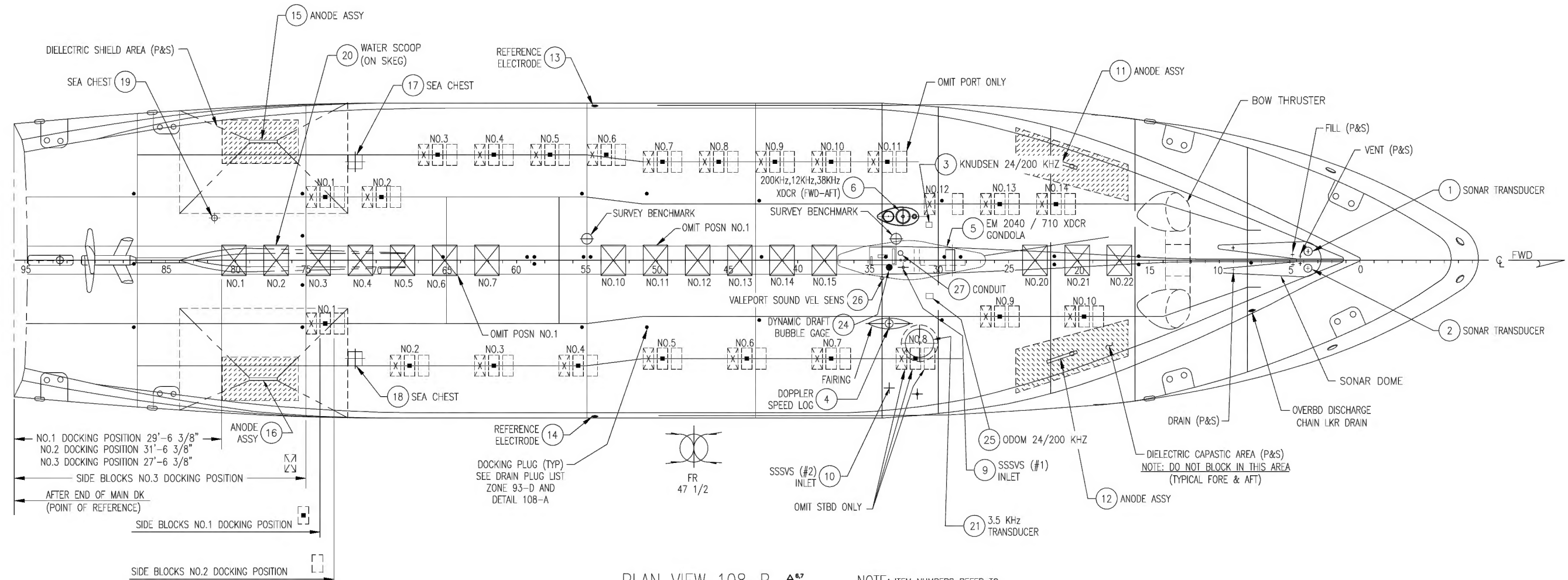












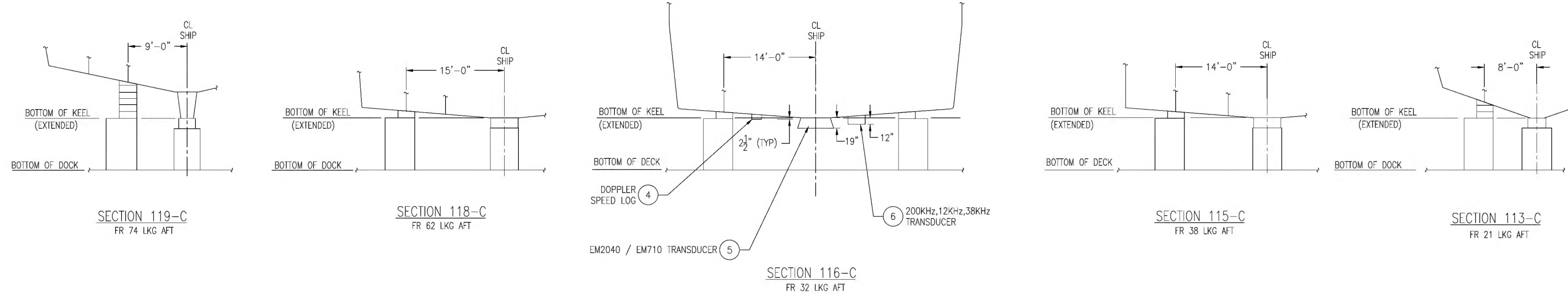
SIZE D	CAGE CODE OYLJ5	NOAA DRAWING NUMBER TJ-085-002	REV E
SCALE: AS SHOWN		CAD FILENAME TJ-085-002	SHT 14 of 15



120 119 118 117 116 115 114 113

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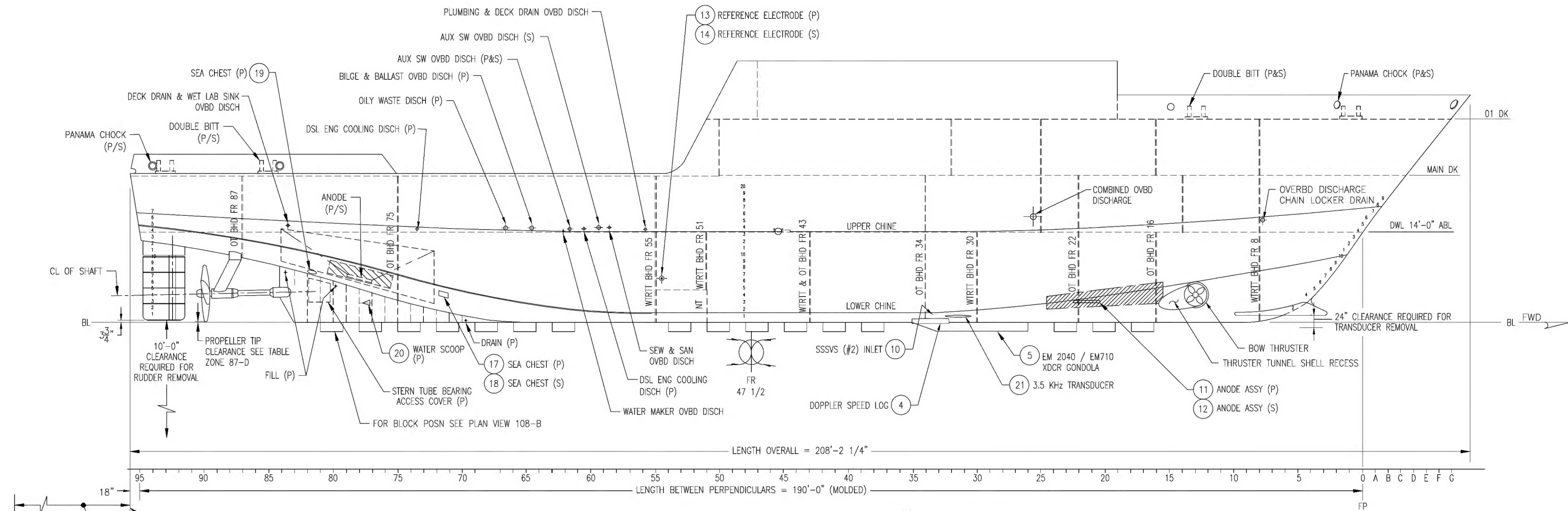


C

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A

A

OUTBOARD PROFILE 117-A

NOTE: ITEM NUMBERS REFER TO LIST OF OPENINGS IN SHELL BELOW DWL TABLE, ZONE 98-D.

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	E
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 15 OF 15

120 119 118 117 116 115 114 113